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MAIL STOP PCT
Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/JP2004/001272
-filed February 6, 2004

Re: Application of Hiroyuki KAKINUMA, Masakazu SATO, Hideaki AMADA,
Hajime ASANUMA and Yuko TSUCHIYA

HETEROARYL 5-THIO- β -D-GLUCOPYRANOSIDE DERIVATIVES AND
THERAPEUTIC AGENTS FOR DIABETES CONTAINING THE SAME

Assignee: **TAISHO PHARMACEUTICAL CO., LTD.**

Our Ref: Q90558

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- a copy of the executed Declaration and Power of Attorney.
- an English translation of the International Application.
- a copy of the executed Assignment and PTO 1595 form.
- a copy of the ISR.
- a PTO/SB/08 A & B (modified) listing the ISR/IPER references.
- a Preliminary Amendment.
- it is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).**

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

10/55115



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U.S. National Stage Entry of
PCT/JP2004/001272
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Q90558

The Government filing fee is calculated as follows:

Total claims	34	-	20	=	14	x	\$50.00	=	\$700.00
Independent claims	2	-	3	=		x	\$200.00	=	\$0.00
Base Fee									\$300.00
Search Fee*									\$400.00
Examination Fee*									\$200.00
Multiple Dependent Claim Fee									\$360.00
Excess Application Pages									\$250.00
TOTAL FILING FEE									\$2210.00
Recordation of Assignment									\$ 40.00
TOTAL FEE									\$2250.00

* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$2210.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	97838/2003	April 1, 2003
Japan	404959/2003	December 3, 2003

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan J. Mack".
Susan J. Mack
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